



SEEGATE CORPORATION

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Industrial Transducers / Load Cells Selection Guide

MODEL	TYPE	CAPACITY	APPLICATIONS
20410 	TENSION LINK	10 TF TO 200 TF	<ul style="list-style-type: none"> ❖ To measure rope tension by inserting as a link in to the line ❖ To measure towing force of the vehicles & ships. ❖ Hanging & crane scale ❖ Material handling equipments ❖ Cargo handling in shipyards
20510 	TENSION LINK	10 TF TO 30 TF	<ul style="list-style-type: none"> ❖ To measure rope tension by inserting as a link in to the line ❖ To measure towing force of the vehicles & ships. ❖ Hanging & crane scale ❖ Material handling equipments ❖ Cargo handling in shipyards
30510 	ROPE TENSION	1 TF TO 50TF	<ul style="list-style-type: none"> ❖ Crane, Hoist, Elevator load monitoring & protection ❖ Tension measurement in any type of rope / cable base applications ❖ Vehicle pull test
50210 / 50310 	BENDING BEAM	10 KGF TO 200KG (50210) 10 KGF TO 500KGF (50310)	<ul style="list-style-type: none"> ❖ Auto bagging machine ❖ Batching & packaging ❖ Bench & floor scales ❖ Tank & hopper weighing
60310HS/60310HS-SS 	SINGLE POINT PLATFORM SCALE (500 X 500MM)	100 KGF TO 400 KGF	<ul style="list-style-type: none"> ❖ Weighing scale for diary, chemical, pharma industries ❖ Fisheries & marine industry
70510 	PIN TYPE (DOUBLE SHEAR BEAM AXLE)	250 KGF TO 50 TF	<ul style="list-style-type: none"> ❖ Crane, Hoist, Elevator load monitoring & protection ❖ Tension measurement in any type of rope / cable base applications by inserting as D-shackle pin ❖ Conveyer belt ❖ Process & automation



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Load Cells Selection Guide

MODEL	TYPE	CAPACITY	APPLICATIONS
20210 	S-BEAM (THREADED)	20 KGF TO 20 TF	<ul style="list-style-type: none"> ❖ Conversion of Mechanical Scale to Electronic ❖ Tank, Hopper & Bag Weighing ❖ Force Measurement - Tension & or Compression ❖ Dynamometer ❖ Hanging & Crane Scale ❖ Industrial Automation
20310 	S-BEAM TENSION LINK	2 TF TO 20 TF 20 TF TO 100 TF	<ul style="list-style-type: none"> ❖ Conversion of Mechanical Scale to Electronic ❖ Tank, Hopper & Bag Weighing ❖ Force Measurement - Tension & or Compression ❖ Dynamometer ❖ Hanging & Crane Scale ❖ Industrial Automation
30310/30310-SS 	SHEAR BEAM	100 KGF To 10 TF	<ul style="list-style-type: none"> ❖ Low Profile Floor Scales ❖ Tank, Hooper & Bag Weighing ❖ Force & Tension Measurement ❖ Pallet Scale ❖ Industrial Automation
60310/60310-SS 	SINGLE POINT	75 KGF TO 400 KGF	<ul style="list-style-type: none"> ❖ Smaller Sized Economical Platform Scales ❖ Check Weighers ❖ Bag Weighers
60410/60410-SS 	SINGLE POINT	100 KGF TO 1500 KGF	<ul style="list-style-type: none"> ❖ Medium Sized Platform Scales ❖ Bag Weighing ❖ Hopper Weighers
60510 	SINGLE POINT	1.5 KGF TO 120 KGF	<ul style="list-style-type: none"> ❖ Check Weighers ❖ Bagging Machines ❖ Bench, Counting & Postal Scales
60610 	SINGLE POINT	100 GMF TO 2 KGF	<ul style="list-style-type: none"> ❖ Jewellery Scales ❖ Small Bagging Machine ❖ Thread Tension Measurements
60710 	SINGLE POINT	3 KGF TO 60 KGF	<ul style="list-style-type: none"> ❖ Bench, Counting & Postal Scales ❖ Check Weighers
60810 	SINGLE POINT	500 KGF TO 3000 KGF	<ul style="list-style-type: none"> ❖ Large Platform Scale ❖ Steel Weighers



MODEL	TYPE	CAPACITY	APPLICATIONS
70210 	DOUBLE ENDED SHEAR BEAM	2.5 TF TO 100 TF	<ul style="list-style-type: none"> ❖ Tensile Testing ❖ Force Measurement ❖ Crane Scale ❖ Tank and Hopper Weighing
70310 	DOUBLE ENDED SHEAR BEAM	5 TF TO 100 TF	<ul style="list-style-type: none"> ❖ Weigh Bridge ❖ Truck & Track Scales
70410 	DOUBLE ENDED SHEAR BEAM	5 TF TO 22.5 TF	<ul style="list-style-type: none"> ❖ Weigh Bridge ❖ Truck & Track Scales ❖ On Board Weighing
70610 	DESB (WITH CUP-BALL MECHANISM)	10 TF TO 40TF	<ul style="list-style-type: none"> ❖ Weigh bridge ❖ Tank & hopper weighing ❖ Tensile testing
80120 	DOUBLE ENDED SHEAR BEAM	10 TF To 100 TF	<ul style="list-style-type: none"> ❖ Truck Scale ❖ Weigh Bridge
90210/90310 	COMPRESSION	5 TF TO 500 TF	<ul style="list-style-type: none"> ❖ Truck Scale ❖ Tank Weighing ❖ Hopper Weighing ❖ Compressive Force Testing ❖ Industrial Automation
90410 	ROCKER PIN-COPRESSION (SINGLE COLUMN)	10 TF TO 60TF	<ul style="list-style-type: none"> ❖ Weigh bridge ❖ Tensile testing ❖ Industrial automation
	LOAD INDICATOR	To suit to Sensor's Range	<ul style="list-style-type: none"> ❖ Weight indicator ❖ Test equipment Force, torque, stress and pressure measurement and transmission
	LOAD CONTROLLER	To suit to Sensor's Range	<ul style="list-style-type: none"> ❖ Batch control ❖ Automatic ind. feeding system ❖ Filling machine ❖ Packaging machine



Specifications are subject to change without notice

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MODEL	TYPE	CAPACITY	APPLICATIONS
90610 - B 	PANCAKE - COMPRESSION	50 KGF TO 50 TF	<ul style="list-style-type: none"> ❖ Tank, silo & hopper weighing ❖ Force & impact test ❖ Tensile testing & automation ❖ Weigh bridge
90610 - M 	PANCAKE - MINI - COMPRESSION	50 KGF TO 1 TF	<ul style="list-style-type: none"> ❖ Test bench ❖ Force, impact testing ❖ Industrial automation & Robotics ❖ Hardness & tensile testing
90610 - T 	UNIVERSAL - PANCAKE	50 KGF TO 100 TF	<ul style="list-style-type: none"> ❖ Tank, silo & hopper weighing ❖ Force & impact test ❖ Tensile testing & automation ❖ Weigh bridge
TTS 	TORQUE TRANSDUCER - STATIC	10 NM TO 50000 NM	<ul style="list-style-type: none"> ❖ Motors, switches, shaft & axles torque measurement ❖ To measure operating torque for industrial valves & actuators ❖ Automotive, aerospace, offshore valves test rigs ❖ Torque measurement of industrial fasteners
TTD 	TORQUE TRANSDUCER - DYNAMIC	10 NM TO 50000 NM	<ul style="list-style-type: none"> ❖ Motors, switches, shaft & axles torque measurement ❖ To measure operating torque for gear, valves and actuators ❖ Torque measurement in industrial applications
TSB 	TENSION SENSING BLOCK	10 KGF TO 1.5 TF	<ul style="list-style-type: none"> ❖ Tension measurement for rotating roller such as paper, foil, magnetic / plastic tape, yarn & filaments
RFS 	RADIAL FORCE SENSOR	25 KGF TO 100 KGF	<ul style="list-style-type: none"> ❖ Used for measuring the tension of materials drawn over a rotating roller such as ❖ Paper & Foil ❖ Magnetic & Plastic tape
PT-100 	PRESSURE TRANSDUCER	50 BAR TO 500 BAR	<ul style="list-style-type: none"> ❖ Pumps & compressors ❖ Process controls ❖ Tank level measurement ❖ Hydraulic & pneumatic systems ❖ Refrigeration



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